



Attorney's Docket No.: 10559-635001/P12330
Assignee: Intel Corporation

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Michael D. Ruehle
Serial No. : 10/034,340
Filed : December 27, 2001
Title : SIGNAL PERMUTING

Art Unit: 2181
Examiner:

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Technology Center 2100

Commissioner for Patents
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INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants call attention to the attached Information Disclosure Statement and documents listed on form PTO-1449.

This filing is being made before the receipt of a first Office action on the merits. No fee is required.

Each enclosed document listed on the herewith Form PTO-1449 was cited in the attached International Search Report dated May 12, 2003, issued in a foreign counterpart application not more than three months ago. To the best knowledge of the undersigned, this is the first citation of these items in any

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

August 4, 2003

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communication from a foreign patent office in a counterpart foreign application.

The documents are in the English language; hence no concise explanation is necessary per Rule 98(a)(3).


Consideration of the foregoing and enclosures plus the return of a copy of the enclosed form PTO-1449 with the Examiner's initials in the left column per MPEP 609 are earnestly solicited along with an early action on the merits.

Please apply any additional charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: _____

8/4/03

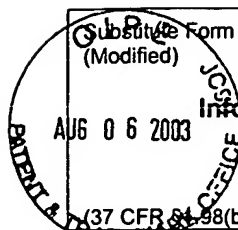


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 Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR 1.98(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 10559-635001	Application No. 10/034,340
	Applicant Michael D. Ruehle			
	Filing Date December 27, 2001		Group Art Unit 2181	

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,495,615	01/1985	Wilcke			
	AB	6,087,958	07/2000	Artz			
	AC	6,215,786	04/2001	Larson, et al.			
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
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Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL	WO 98/20700	05/1998	WIPO				
	AM	WO 00/24224	04/2000	WIPO				
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AQ	Agrawal, J., et al., "A fast and low cost self-routing permutation network", <i>IEEE Transactions on Computers</i> , 47(9):1033-1036, Sept. 1998 (XP002236771).
	AR	
	AS	
	AT	

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	